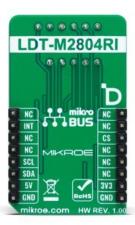


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7-SEG 2 Click





PID: MIKROE-6005

7-SEG 2 Click is a compact add-on board that represents an easy solution for adding a numeric or hexadecimal display to your application. This board features the LDT-M2804RI, a three-digit seven-segment display from Lumex. The display has a 0.28" height, red LED segments, gray faces, and white diffused segments. All three digits come with a following dot point that can be used as a decimal point in displaying the number values. This Click board™ makes the perfect solution for the development of many applications requiring a visible display or others that display numerical/textual information.

7-SEG 2 Click is fully compatible with the mikroBUS[™] socket and can be used on any host system supporting the mikroBUS[™] standard. It comes with the mikroSDK open-source libraries, offering unparalleled flexibility for evaluation and customization. What sets this Click board[™] apart is the groundbreaking ClickID feature, enabling your host system to seamlessly and automatically detect and identify this add-on board.

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.





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Specifications

Туре	LED Segment
Applications	Can be used for the development of many applications requiring a visible display or others that display numerical/textual information
On-board modules	LDT-M2804RI - three-digit seven-segment display from Lumex
Key Features	Three-digit, 7-segment display with a following dot point, red LED segments, brightness adjustment for each segment separately, common anode LEDs, open LED detection, overtemperature protection, pattern fault interrupt, start of frame interrupt, and more
Interface	I2C
ClickID	Yes
Compatibility	mikroBUS™
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

mikroBUS™

mikroSDK

Click board™ Catalog

Click Boards™

ClickID

Downloads

7-SEG 2 click example on Libstock

LED1202 datasheet

7-SEG 2 click 2D and 3D files

7-SEG 2 click schematic

LDT-M2804RI datasheet

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